

**TOPS Core Curriculum for 2014 Graduates Includes TOPS equivalents,
AP, and IB Courses**

UNITS	COURSE CODE	COURSE NAME
English 4 units		
1	120331	English I
1	120332	English II
1	120333	English III
1	120334	English IV
Math 4 units		
1	160321	Algebra I
	160331	Applied Algebra I
	160339	Integrated Math I
	160333 and 160334	Applied Algebra IA and Algebra IB (1 unit each)
	160337 and 160338	Algebra I Part I and Algebra I Part II (1 unit each)
	160342 and 160343	Applied Math I and Applied Math II (1 unit each)
1	160322	Algebra II
	160340	Integrated Math II
1	160323	Geometry
	160326	Calculus
	160332	Applied Geometry
	160341	Integrated Mathematics III
	160344	Applied Math III
	160346	Advanced Math – Pre Calculus
	160347	Advanced Math – Functions and Statistics
	160348	Pre-Calculus
	160349	Probability and Statistics
	160350	Discrete Mathematics
	160375	Algebra III
	160394	AP calculus BC
1	160323	Geometry
	160326	Calculus
	160332	Applied Geometry
	160341	Integrated Mathematics III
	160344	Applied Math III
	160346	Advanced Math – Pre Calculus
	160347	Advanced Math – Functions and Statistics
	160348	Pre-Calculus

UNITS	COURSE CODE	COURSE NAME
	160349	Probability and Statistics
	160350	Discrete Mathematics
	160375	Algebra III
	160394	AP calculus BC
Science 4 units		
1	150301	Biology
	150302	Biology II
	150306	Anatomy and Physiology
	150399	Biology Elective
1	150306	Anatomy and Physiology
	150401	Chemistry
	150402	Chemistry II
	150451	Chemistry Com
1	150300	Integrated Science
	150302	Biology II
	150306	Anatomy and Physiology
	150310	Environmental Science
	150399	Biology Elective
	150402	Chemistry II
	150700	Physics
	150701	Physics II
	150794	AP Physics C: Electricity and Magnetism
	150795	AP Physics C: Mechanics
	150802	Physical Science
	150803	Physics for Technology I
	150805	Physics for Technology II
	150901	Earth Science
	150794 and 150795	AP Physics C: Electricity and Magnetism and AP Physics C: Mechanics (.5 unit each)
	010302 and 010302	Agriscience I and II (1.00 unit each)
1	150300	Integrated Science
	150302	Biology II
	150306	Anatomy and Physiology
	150310	Environmental Science
	150399	Biology Elective
	150402	Chemistry II
	150700	Physics
	150701	Physics II
	150794	AP Physics C: Electricity and Magnetism
	150795	AP Physics C: Mechanics

UNITS	COURSE CODE	COURSE NAME
	150802	Physical Science
	150803	Physics for Technology I
	150805	Physics for Technology II
	150901	Earth Science
	150794 and 150795	AP Physics C: Electricity and Magnetism and AP Physics C: Mechanics (.5 unit each)
	010302 and 010302	Agriscience I and II (1.00 unit each)
Social Studies 4 units		
1	220403	U.S. History
1	220300	World Geography
	220310	AP Human Geography
	220401	World History
	220402	Western Civilization
	220410	European History
	220412	AP European History
	220604	AP Government and Politics: Comparative
	222009	History of Religion
1	220300	World Geography
	220310	AP Human Geography
	220401	World History
	220402	Western Civilization
	220410	European History
	220412	AP European History
	220604	AP Government and Politics: Comparative
	222009	History of Religion
1	220200 220501 220504	Free enterprise Civics 1 st semester Civics 2 nd semester (any 2 for 1.0 credit)
or		
	220200 220503	Free Enterprise AP Government and Politics: US (.5 each)
or		
	220501	Civics 1 st semester
	220503	AP Government and Politics: US
	220501 220503 220504	Civics 1 st semester AP Government and Politics: US Civics 2 nd semester (any 2 for 1.0 credit)

UNITS	COURSE CODE	COURSE NAME
Foreign Language 2 units		
2		Foreign Language-- 2 units in the same language
Fine Arts Survey 1 unit		
1	030332	Fine Arts Survey
or		1 unit of a performance course in music, dance, or theater
or		1 unit of a studio art
or		1 unit of a visual art
or		both Speech III and IV (1 unit each)
19 units		

Accurate as of September 23, 2013, but is subject to change

Does not include the LSMSA equivalent Substitutes